

**WHAT IS CLAIMED:**

1. A connector for terminating a coaxial cable comprising:  
a connector body having a detent disposed therein; and  
a locking sleeve coupled to the connector body and having at least one protrusion  
5 formed thereon partially encircling the locking sleeve and for being received in the detent  
when the coaxial cable is terminated in the connector.
2. The connector of claim 1 wherein the locking sleeve is detachably coupled to the  
connector body.
- 10 3. The connector of claim 2 wherein the locking sleeve is movable from a first position  
loosely retaining said cable in the connector body to a second position locking said cable to  
the connector body.
- 15 4. The connector of claim 1 wherein the detent is annular.
5. The connector of claim 4 wherein the locking sleeve includes a plurality of  
protrusions formed thereon and being evenly spaced about the locking sleeve.
- 20 6. The connector of claim 1 wherein the at least one protrusion includes a chamfered  
front wall for easing insertion into the detent.
7. The connector of claim 6 wherein the detent includes a rearwardly facing chamfered  
wall that is complementary to the chamfered front wall of the at least one protrusion.

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8. The connector of claim 7 wherein the at least one protrusion is of greater malleable composition than the connector body.
9. The connector of claim 1 wherein the at least one protrusion includes a perpendicular rear wall.
10. The connector of claim 9 wherein the detent includes a forwardly facing perpendicular wall for abutting the perpendicular rear wall of the at least one protrusion and preventing extraction of the at least one protrusion from the detent.
11. A connector for terminating a coaxial cable comprising:  
a connector body having an annular detent disposed therein; and  
a locking sleeve detachably coupled to the connector body having a plurality of evenly spaced protrusions formed thereon and for being received in the detent when the coaxial cable is terminated in the connector.
12. The connector of claim 11 wherein the at least one protrusion includes a chamfered front wall for easing insertion into the detent.
13. The connector of claim 12 wherein the detent includes a rearwardly facing chamfered wall that is complementary to the chamfered front wall of the at least one protrusion.
14. The connector of claim 11 wherein the at least one protrusion includes a perpendicular rear wall.

15. The connector of claim 14 wherein the detent includes a forwardly facing perpendicular wall for abutting the perpendicular rear wall of the at least one protrusion and preventing extraction of the at least one protrusion from the detent.
- 5 16. The connector of claim 11 wherein the at least one protrusion is of greater malleable composition than the connector body.
17. A connector for terminating a coaxial cable comprising:  
a connector body having a cable receiving end and a projection disposed therein;  
10 a locking sleeve coupled to the connector body and having a rearward end, a smooth annular portion and at least one groove formed between the rearward end and the smooth annular portion; and  
wherein the projection slides along the smooth annular portion and is subsequently received in the groove when the coaxial cable is terminated in the connector body.
- 15 18. The connector of claim 17 wherein the locking sleeve has a first position and a second position.
19. The connector of claim 18 wherein the projection slides along the smooth annular  
20 portion and is subsequently received in the groove when the locking sleeve is moved to the second position for securing the locking sleeve to the connector body.
20. The connector of claim 17 wherein the projection is an O-ring.